

Earthdata UTC Meeting 01.10.2017

Gotomeeting link: <https://global.gotomeeting.com/join/862833445>

Phone number: 1-844-467-6272, Passcode 184979#

Meeting ID: 862-833-445

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - Problems retrieving URS Data. We have been experiencing problems retrieving the full list of users from URS. We are working with the Earthdata login team to resolve the problem.
 - EMS Release 1.5.1.1
 - This release will include improvements to country resolution and also some performance improvements
 - We continue testing this release in UAT. Deployment to production: 19 January 2017
 - After deployment into production, we will reprocess all FY 2017 distribution logs
 - CDDIS
 - CDDIS has not delivered any logs to EMS since November 29 due to their changing to a new system.
 - LP DAAC
 - LP DAAC will be sending a new custom distribution file for the LP DAAC AppEEARS interface
 - GHRC
 - GHRC has requested a new data provider for AMSR2NRT2. Waiting for test files
 - OBDAAC
 - OBDAAC KIOST files have been processed in UAT. Working with the data provider to resolve search expression issues.
 - Data Relevancy Reports
 - EMS will be working with CMR to provide data relevancy reports.

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
 - System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor

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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - In Production (Release 4.60)
- **Earthdata Login public wiki**
 - *** [New Tools page](#) ***
 - *** [New auto-authorization](#) ***

Ticket Status

Ticket	Sprint
URSF0UR-763 - As ESDIS I want to meet with the EMS team and determine if we can use EL to improve the EMS visual metrics.	PI4.1
URSF0UR-757 - Need to prompt for required groups during app creation.	
URSF0UR-756 - Auto Authorize ESDIS apps irrespective of scope(public or otherwise)	PI3.4,4.1
URSF0UR-754 - Redesign 'My Applications' page and User profile sub navigation	
URSF0UR-753 - Global receive email option flag to be used as default option during application auto authorization.	PI3.4
URSF0UR-752 - Return application specific receive email option flag for the user along with user profile information (API)	PI3.4
URSF0UR-751 - Provide an option for the user to opt out of all application related email at a global level (user profile)	PI3.4
URSF0UR-745 - User services should be able to look up users (UI)	PI3.3
URSF0UR-744 - A user should be able to view all the user groups they belong to. (UI)	PI3.1
URSF0UR-743 - Return user groups information along with user profile info (API)	PI3.1
URSF0UR-733 - An application can list all the users in a group (API)	PI3.1

URSFOUR-732 - Provide URS4 api for an application to retrieve all the groups a user belongs to (API)	PI2.4
URSFOUR-731 - Provide URS4 Api to add user to a group by an application (API)	PI3.1
URSFOUR-730 - An application admin should be able to retrieve all the groups a user belongs to (UI)	PI3.1
URSFOUR-729 - Application admin can view a list of all user groups for the application (UI+API)	PI2.4
URSFOUR-728 - An application admin can add and delete a user from a user group (UI)	PI2.4
URSFOUR-727 - An application admin can create and edit a new user group (UI)	PI2.4
URSFOUR-725 - Too many email delivery failures	
URSFOUR-724 - Use human-readable field names (as used in field labels) instead of machine names like "study_area" in the banner/alert that shows up when additional profile fields are required.	PI2.3
URSFOUR-723 - Highlight missing app required user fields in user profile edit page on redirect	PI2.3
URSFOUR-720 - Add a count of the number of applications a user has authorized to the user profile information returned from the API.	
URSFOUR-715 - Support HEAD authentication requests	

URSFOUR-713 - URS cookies contain invalid Expires timezone	PI2.4
URSFOUR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	PI2.2
URSFOUR-704 - Add 'Application' as user type options for user profile	PI2.1
URSFOUR-701 - Accept both username and email at the login	
URSFOUR-698 - Implement unauthorized access to public user profile data	PI2.2
URSFOUR-697 - Determine which user profile fields should be public, and which should require authorization	PI2.3
URSFOUR-695 - Update LDAP Application model to store required user profile attributes	PI2.1
URSFOUR-694 - Provide capability to support application required user profile attributes during application authorization	PI2.1
URSFOUR-693 - Provide the ability to add/edit application required fields during application registration	PI2.1
URSFOUR-690 - want a list of all the applications I can authorize, with descriptions	PI1.1
URSFOUR-686 - URS appends form parameters to URL when clicking on 'Register' link	PI1.4
URSFOUR-683 - An application should be able to determine if a user is in a given group	PI1.1


4. Earthdata

Katherine Kelly

- **Earthdata Developer Portal**
 - Adding Search - Connecting to GSA
- **Study for the Migration of CDN content to NGAP**
 - Building proof of concept with AWS tools (S3, Cloudfront distribution)
- **Launchpad Integrations**
 - Getting NAMS access to add new authentication to our applications
- **ED Login**
 - Adding auto-authorization for ESDIS applications

Current Earthdata Tickets

K	S	Ty	Cr	U	D	A	R	Pr	St	R
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 JIRA project doesn't exist or you don't have permission to view it.

[View these issues in JIRA](#)

5. User Support Tool

Catalino Cuadrado

Activities:

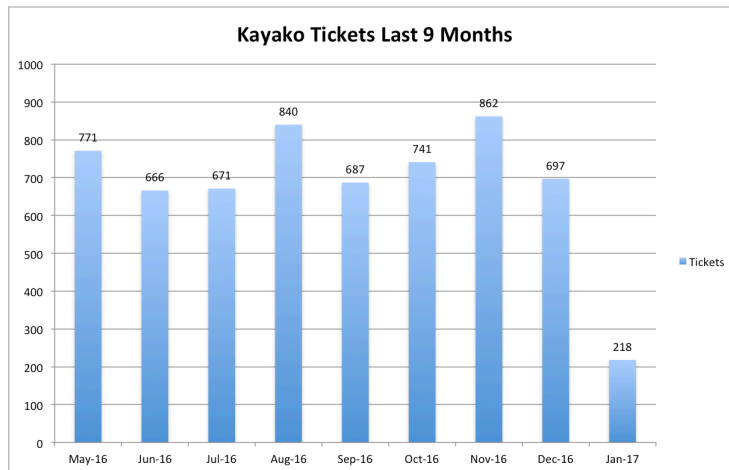
None

Issues:

None

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User	Total
ASDC	21	3		2			26
ASF	5	1					6
ECC	7			1			8
ECHO	5						5
Earthdata	7			2		1	10
Earthdata Search	7						7
FIRMS	7						7
GCMD	2	1					3
GES-DISC	1	2		1			4
GHRC	1			1			2
LANCE	1						1
LPDAAC	14	6	1	4	1		26
MODAPS	15			3			18

NSIDC	2						2
ORNL DAAC	37						37
PO.DAAC	10	3		4			17
C							
Rapid Response	1						1
Reverb	6						6
URS	64			1			65
Worldview	3	1		1			5
Total	216	17	1	20	1	1	256

6. CMR/ECHO/Earthdata Search/MMT

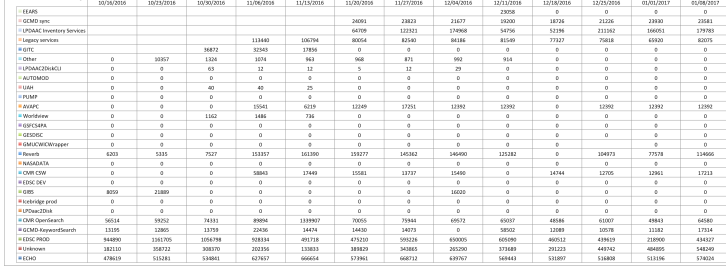
System Status

System Issues

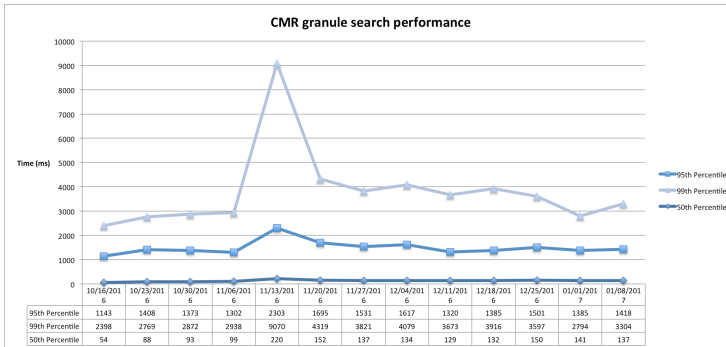
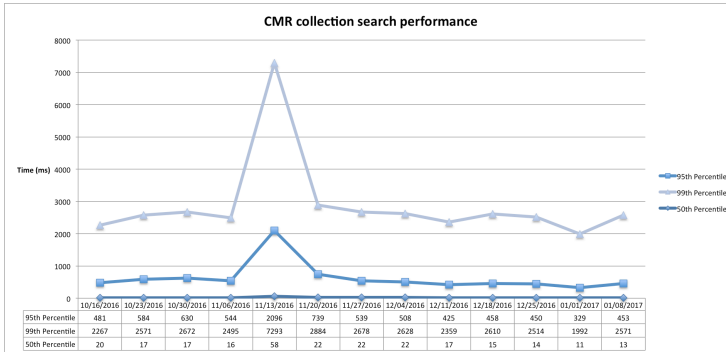
- 12/24/16 - 1/3/17 - GP-MCE issues causing EDSC cron job failures and possible performance issues for EDSC
 - Root cause: GP-MCE issue with AWS
 - Corrective action: GP-MCE resolution of issue on 1/3/17
- 01/07/17 8am-5pm ET: Internet Peering Router Upgrades caused unexpected brief outages
 - Root cause: Unexpected maintenance with same day notice (Saturday)
 - Corrective action: None

Recent Metrics

Client usage



Query Performance



CMR Release Status

In Production: 1.64

CMR-3628	UMM should not use "dummy" for any default values
CMR-3622	On ingest of new collection output the entry title of collection to the log file for DSR purposes
CMR-3561	robots.txt files are not being deployed
CMR-3551	As a Client User, I can ingest a granule referring to a platform alias defined in humanizers so that I can correct my collection metadata without invalidating granules.
CMR-2657	As a user I would like keyword (free text) searches to include the 'Related URL' field.

In UAT: 1.65

CMR-3671	Temporal Relevancy Fails on Collections with Start Date of 1-1-1970
CMR-3659	Change UMM-C Collection Progress so that it is required.
CMR-3617	umm-spec-lib is not checking for documentation type of related urls correctly
CMR-3556	Discover and correct opendata export issues
CMR-3554	As a Client User, I can ingest a granule referring to a tile system alias defined in humanizers so that I can correct my collection metadata without invalidating granules.
CMR-3552	As a Client User, I can ingest a granule referring to an instrument alias defined in humanizers so that I can correct my collection metadata without invalidating granules.
CMR-3524	Generated ISO19115 data is using the wrong link for srsName
CMR-3498	Problem with multiple spatial and temporal extents from ISO
CMR-2651	As a user I would like keyword (free text) searches to include the Personnel field.
CMR-1354	Temporal Relevancy Heuristic

Earth Data Search Release Status

In Production: 1.34

EDSC-1280	Improve Multi-Temporal Range handling in EDSC
EDSC-1265	As a user, I should be able to submit an order containing more than 2000 granules so that I may more efficiently access data
EDSC-1200	EDSC Throws 500 error on health check due to bad certificate for hosts
EDSC-1183	Order of facet topics changes within session

In UAT: 1.35

EDSC-1295	Remove sorting by entry title so that CMR's relevancy sorting can be leveraged.
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EDSC-1281	Relevancy metrics should flag short name/long name/concept id searches
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EDSC-764	Make tooltip for point search more clear
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EDSC-757	"Retrieve Dataset Data" button language is not clear
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ECHO-657	Modify Reverb to use https
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Metadata Management Tool Release Status

In Production: 1.37

MMT-754	Chooser uses inconsistent response parsing to populate its fields
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MMT-720	As a Provider, I want to view all provider object ACLs for an access control group associated with my provider.
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MMT-719	As a CMR Administrator, I want to update system object ACLs for a system level access control group
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MMT-718	As a CMR Administrator, I want to view all system object ACLs for a system level access control group.
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MMT-697	Move MMT to current version of UMM-C schema
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MMT-592	As a Provider, I want to create and view an order option with a plain text editor, using ECHO Forms XML.
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MMT-590	As a Provider, I want to create and view a data quality summary.
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MMT-566	As a Provider, I want to sort a list of my collections with their data quality summary assignments by collection shortname and version, or by data quality summary name.
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MMT-565	As a Provider I want to view a list of my collections with their data quality summary assignments.
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MMT-507	As a provider, I want to grant permissions to all of my collections to all members of an access control group.
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MMT-155	As a Group Manager, I want to see a list of my access control groups.
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MMT-129	As a Provider, I want to create and view an order policy for my Provider.
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In UAT: 1.38

MMT-765	Chooser url cannot include query params
MMT-721	As a Provider, I want to update provider object ACLs associated with access control groups for my provider.
MMT-599	As a Provider, I want to view a list of my collections and their order option associations.
MMT-596	As a Provider, I want to associate an order option with one or more of my collections.
MMT-593	As a Provider, I want to update an order option with a plain text editor, using ECHO Forms XML.
MMT-585	As a Provider, I want to give all members of an access control group delete permissions on a provider object.
MMT-584	As a Provider, I want to give all members of an access control group update permissions on a provider object.
MMT-583	As a Provider, I want to give all members of an access control group view permissions on a provider object.
MMT-582	As a Provider, I want to give all members of an access control group create permissions on a provider object.
MMT-567	As a Provider, I want to view a list of my collections which have no data quality summary assignments.
MMT-562	As a Provider, I want to assign a data quality summary to one or more collections.
MMT-133	As a CMR Administrator, I want to set the Secure Socket Layer (SSL) certificate for a Provider.

Upcoming PMs

 **11 Jan 2017** Misc. (including db shared) and SIT/Test Bed OS patching (outage of TB/SIT and PT/UAT)

- [EI-5564](#) - CMR/ECHO: Misc Support - Apply 2017 January CMR/ECHO Linux OS patches to Misc Support Servers [AWAITING REVIEW](#)
- [EI-5565](#) - ECHO/CMR: Testbed/SIT - Deploy 2017 January Linux OS patches to ECHO Testbed/CMR SIT [AWAITING REVIEW](#)

 **18 Jan 2017** UAT/PT OS patching (outage of PT)

-  [EI-5563](#) - JIRA project doesn't exist or you don't have permission to view it.

7. GIBS

Matthew Cechini

General Items

In Progress

- Vectors - Developing functional test plan for internal evaluation of GIBS vector prototype capability.
- Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. An update is currently being tested in the GIBS UAT environment.
- HTTPS-Only Transition - Per agency requirements, GIBS will be moving to support HTTPS-only requests in early 2017. A transition plan is being internally developed and will be made available in January 2017 for review.

Completed

New/Planned Products

In Progress

- MODIS Collection 6 - Atmosphere & Land Reprocessing
 - *Atmosphere STD Reprocessing* - Performing final reprocessing of Cloud Top Height and Optical Thickness imagery products. Completion projected by week of 1/16.
 - *Land L2 STD Reprocessing* - Completed "final prep" ingest test. Coordinating DAAC/science team review.
 - *Land L3* - Awaiting start of Land L2 STD Reprocessing.
- Non-BEDI Imagery Products - Actively working towards operationalization of the following products:
 - OMI NRT
 - Coordinating colormap updates based on changes to STD imagery products.
 - MISR NRT
 - Awaiting imagery updates to address "bad" data pixels and subsequent imagery artifacts.
 - GPM Rain/Snow v4 Standard
 - Reviewing sample imagery from provider.
 - ORNL
 - Coordinating sample imagery review for new Daymet imagery products
 - SMAP
 - Working with provider to resume Level 1-3 imagery ingest for new version.
- BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Completed historical reprocessing of new OMI UV standard products. Coordinating release to GIBS production.
 - Completed historical reprocessing of new [GN]LDAS standard products. Coordinating release to GIBS production.
 - Completed historical reprocessing of new MERRA[2] standard products. Coordinating final review with provider.
 - Awaiting resource assignment for AIRS historical reprocessing.
 - ASTER L1T - LPDAAC
 - Coordinating forward and historical reprocessing with LPDAAC
 - Aquarius/MEaSUREs/SSM/I - NSIDC
 - Awaiting provider updates for NISE product geolocation issues.
 - Aquarius/MODIS PODAAC
 - Pending coordination of historical reprocessing

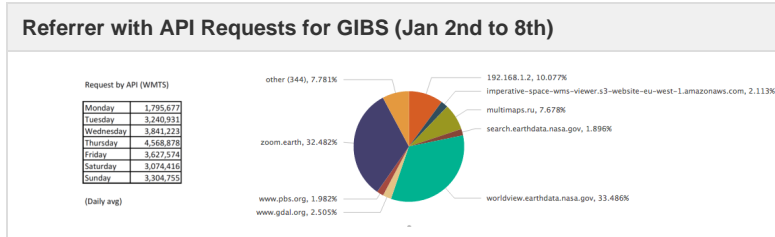
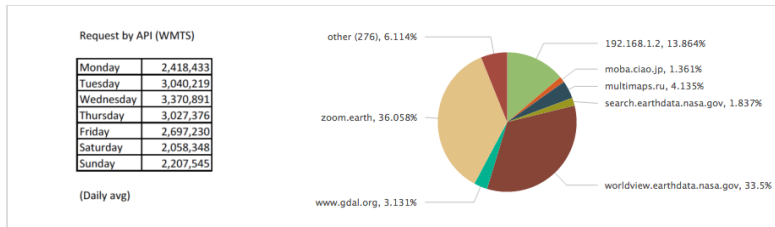
Completed

- VIIRS Day/Night Band NRT - Configured for forward processing in GIBS production.

Alex De Luca Jerome King

- **GIBS Production**
 - **Status**
 - Resolved OBPB and AIRS switch from http to https.
 - On-going partial MODIS C6 WM image generation issue.
 - On-going Uptrends performance alerts.
 - 01/07/17 8am-5pm ET: Internet Peering Router Upgrades caused unexpected brief outages for 1 hour in the morning.
 - Completed addition of the VIIRS Day/Night Band products for WMTS, TWMS, WMS and Image Download.
 - Planned fail-over for this Thursday 01/12/17 during NetOPS EBNet maintenance.
 - Continue training of our new hire, Tammy Ashraf.
 - **Metrics**

Referrer with API Requests for GIBS (Dec 26th to Jan 1st)



8. Worldview

Taylor Gunnoe Benjamin King

- Enhanced styling of animation GIF
- Adjusted palette legend styling to be consistent with running-data feature styles
- Did planning and design of dateline-wrap feature
- Worldview can now build with subdaily-type layers

9. Open Floor

UTC Meeting invitation and confirmation

Upcoming MMT beta testing for PUMP functionality, and plans for PUMP shutdown

- > PUMP shutdown is planned for April 30, due to limitations on current PUMP hardware
- > PUMP functionality will be handled in the future by MMT, URS, and Earthdata
- > Beta testing of PUMP functionality in MMT is scheduled to begin Feb 21
- > Please send Kathy the names of folks from your DAAC who wish to participate in the beta testing of PUMP functionality in the MMT